

**GOVERNMENT OF INDIA**  
**WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION**  
**LOK SABHA**

UNSTARRED QUESTION NO:1329  
ANSWERED ON:09.02.2017  
Contamination of Ground Water  
Chaudhury Shri Jitendra;Devi Smt. Veena

**Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:**

- (a) whether the Government is aware that the ground water in the country is highly contaminated with toxic pollutants and heavy metals like Fluoride, Nitrate, Arsenic, Lead, Cadmium, Chromium etc., if so, the details and the present status thereof, State-wise;
- (b) the details of the steps taken along with the ongoing schemes/projects/ programmes being implemented to tackle the situation and improve/recharge groundwater level including the funds allocated/released/spent for the purpose during the last three years, State-wise;
- (c) the additional resources decided to be constructed for the purpose; and
- (d) the present status of the implementation of the schemes/projects/ programmes meant for the purpose?

**Answer**

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION  
(DR. SANJEEV KUMAR BALYAN)

(a) Ground water quality data generated by Central Ground Water Board (CGWB) during various scientific studies and ground water quality monitoring indicates that ground water in isolated pockets in parts of various States is contaminated with Fluoride, Nitrate, Arsenic, Lead, Cadmium, Chromium etc. The State-wise details of districts affected in parts with ground water contamination are given at Annexure I.

(b) to (d) Ministry of Drinking Water and Sanitation has informed that the States are assisted technically and financially in providing safe drinking water through the centrally sponsored National Rural Drinking Water Programme. Upto 67% of funds provided to the States under NRDWP can be utilized for coverage and tackling water quality problems with priority to Arsenic and Fluoride affected habitations. In addition, the States also received certain funds under the 5% Water Quality earmarked funds.

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The State Governments have been directed to ensure availability of safe drinking water through Piped Water Supply as a long term measures. Since tackling this problem is a long term measure, Niti Aayog, as a stop gap arrangement, is supporting the State Governments for installation of Community Water Purification Plants for providing safe drinking water in the rural habitations of the Country, where, water is contaminated with Arsenic and Fluoride. To this end, over and above the regular allocation of funds under NRDWP, on the recommendations of Niti Aayog, Ministry of Finance has released Rs. 800.00 Crore during the financial year 2015-16 as a onetime 100% Central assistance to the States affected with water quality from Arsenic and Fluoride in the Country.

Since the problem of contamination of water by Arsenic and Fluoride has been serious in the rural habitations, Central Government has taken cognizance of this serious problem and decided to take short-term and long term measures with a ring fenced funding to tackle this problem in the remaining habitations of the Country. Over and above the normal release of funds to the States, during 2016-17, under NRDWP, the centre share amounting to Rs. 746.23 crore has also been released to the States affected with Arsenic and Fluoride under Water Quality Sub-Mission in the ratio of 90:10 (Centre: State) for Northern –Eastern States and 50:50 (Centre: State) other States focusing on mitigation of contamination of Fluoride and Arsenic in drinking water. State/ UT wise details of funds released and expenditure incurred during last three years under Water Quality Monitoring and Surveillance Programme under NRDWP as per MIS of Ministry of Drinking Water and Sanitation is given in Annexure II (a to c).

Water conservation and water harvesting works are on prime focus under Mahatma Gandhi National Rural Employment Guarantee Act. In the current financial year, 2016-17, a target of constructing 8,82,325 Farm Ponds under MGNREGA has been kept. States/UTs-wise details of amount released and expenditure under the Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) during the last four years and the current year years is indicated at Annexure- III.

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**ANNEXURE - I**

Annexure referred in reply to Lok Sabha Unstarred Question No. 1329 dated 09.02.2017 regarding "Contamination of Ground Water"

States Wise Details of Affected Districts with Ground Water Contamination by different Chemical Constituents

S.  
No. State/ UT Salinity (EC above 3000 micro mhos/ cm)  
(EC : Electrical Conductivity) Fluoride  
( above 1.5 mg/l) Nitrate

(above 45 mg/l) Arsenic

(above 0.01 mg/l) Iron

(above 1mg/l ) Heavy metals:

Lead (above 0.01 mg/l)

Cadmium (above 0.003 mg/l)

Chromium (above 0.05 mg/l)

1 Andhra Pradesh Srikakulam, Visakhapatnam, East-Godavari, West-Godavari Krishna,

Guntur,

Prakasam,

Nellore,

Kadapa,

Kurnool, Ananthapur, Visakhapatnam, West-Godavari Krishna,

Guntur,

Prakasam,

Nellore,

Chittoor

Kadapa,

Kurnool, Ananthapur,

Srikakulam Srikakulam,

Vizianagaram,

Visakhapatnam, East-Godavari,

West-Godavari Krishna,

Guntur,

Prakasam,

Nellore,

Chittoor

Kadapa,

Kurnool, Ananthapur, Guntur, Kurnool,

Nellore Visakhapatnam Krishna,

Guntur,

Nellore,

Kurnool,

Chittoor, Cuddapah,

2 Telangana Adilabad, Nizamabad, Karimnagar, Warangal Khammam, Medak, Mehboob Nagar, Nalgonda, Adilabad, Karimnagar,

Khammam, Warangal, Mahabubnagar, Medak, Nalgonda, Rangareddy, Nizamabad Adilabad, Nizamabad, Karimnagar, Warangal

Khammam, Hyderabad, Mahabubnagar, Medak, Nalgonda, Rangareddy, Nalgonda,

Adilabad, Hyderabad, Karimnagar, Mahabubnagar, Medak, Nalgonda, Nizamabad, Ranga Reddy Lead : Rangareddy, Nalgonda

Cadmium: Rangareddy

Chromium: Rangareddy

3 Assam Goalpara, Kamrup, KarbiAnglong, Naugaon, Golaghat, Karimganj

Sivsagar, Jorhat, Golaghat, Sonitpur, Lakhimpur, Dhemaji, Hailakandi, Karimganj, Cachar, Barpeta, Bongaigaon, Goalpara, Dhubri,

Nalbari, Nagaon, Morigaon, Kamrup, Darrang & Baksha Cachar, Darrang, Dhemaji, Dhubri, Golaghat, Hailakandi, Jorhat,

Kamrup, KarbiAnglong, Karimganj, Kokrajhar, Lakhimpur, Morigaon, Nagaon, Nalbari, Sibsagar, Sonitpur

4 Arunachal Pradesh Changlang , East Siang, Lohit, Papumpare

5 Bihar Aurangabad, Banka, Bhagalpur, Gaya, Jamui, Kaimur( Bhabua), Munger, Nawada, Rohtas, Jahanabad, Lakhisarai,

Sheikhpura, Nalanda Aurangabad, Banka, Bhagalpur, Bhojpur, Darbhanga, Kaimur(Bhabua), Patna, Rohtas, Saran, Siwan

Begusarai, Bhagalpur, Bhojpur, Buxar, Darbhanga, Katihar, Khagaria, Kishanganj, Lakhisarai, Munger, Patna, Purnea, Samastipur,

Saran, Vaishali

E.Champaran, Gopalganj, Lohardaga, Madhepura,

Muzaffarpur

Saharsa, Siwan, W Champaran Aurangabad, Begusarai, Bhojpur, Buxar, East Champaran, Gopalganj, Katihar, Khagaria,

Kishanganj, Lakhisarai, Madhepura, Muzaffarpur, Nawada, Rohtas, Saharsa, Samastipur, Siwan, Supaul, West Champaran

6 Chhattisgarh Bastar, Balod , Balrampur, Bemetra, Bijapur , Durg, Kanker, Kondagaon, Korba, Koriya, Raigarh, Surajpur, Surguja

Bastar, Bilaspur, Dantewada, Dhamtari, Jashpur, Kanker, Kawardha, Korba, Mahasamund, Raigarh, Raipur, Rajnandgaon

Rajnandgaon Bastar, Dantewada, Kanker, Koriya, Lead: Korba

Cadmium: Korba

Chromium: Korba

7 Delhi New Delhi, North , South, East, West, North West, South West East Delhi, New Delhi, North West Delhi, South Delhi, South

West Delhi, North Delhi, West Delhi

East Delhi, Central Delhi, New Delhi, North Delhi, North West Delhi, South Delhi, South West Delhi, West Delhi East, North east Lead

: Along Najafgarh drain in North, West and South-west districts

Cadmium : Southwest

Chromium : Northwest, South, New Delhi, East

8 Goa North Goa , South Goa

9 Gujarat Ahmedabad, Amreli, Anand, Banaskantha, Bharuch, Bhavnagar, Dahod, Jamnagar, Junagadh, Kachchh, Kheda,

Mahesana, Navsari, Patan, Porbandar, Rajkot, Sabarkantha, Surat, Surendranagar, Vadodara, Narmada Ahmedabad, Amreli,

Anand, Banaskantha, Bharuch, Bhavnagar, Dahod, Gandhinagar, Jamnagar, Junagadh, Kachchh, Mehesana, Panchmahals, Patan,

Porbandar, Rajkot, Sabarkantha, Surendranagar, Vadodara

Ahmedabad, Amreli, Anand, Banaskantha, Bharuch, Bhavnagar, Dahod, Jamnagar, Junagadh, Kachchh, Kheda, Mehesana,

Narmada, Navsari, Panchmahals, Patan, Porbandar, Rajkot, Sabarkantha, Surat, Surendranagar, Vadodara Amreli, Anand, Bharuch,

Bhavnagar, Dahod, Gandhinagar, Kachchh, Mehesana, Patan, Rajkot, Surendranagar, Vadodara Ahmedabad, Banaskantha, Bhavnagar, Kachchh, Mehesana, Narmada,

10 Haryana Ambala, Bhiwani, Faridabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Mohendragarh, Panipat, Rewari, Rohtak, Sirsa, Sonapat Ambali, Bhiwani, Fatehabad, Faridabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendergarh, Panchkula, Palwal, Panipat, Rewari, Rohtak, Sirsa, Sonapat, Yamuna Nagar

Ambala, Bhiwani, Faridabad, Fatehabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendergarh, Panchkula, Panipat, Rewari, Rohtak, Sirsa, Sonapat, Yamuna Nagar Ambala, Bhiwani, Faridabad, Fatehabad, Hissar, Jhajjar, Jind, Karnal, Panipat, Rohtak, Sirsa, Sonapat, Yamunanagar,

Mahendergarh, Palwal Ambala, Bhiwani, Faridabad, Fatehabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendergarh, Panipat, Rohtak, Sirsa, Sonapat, Yamuna Nagar Lead: Ambala, Bhiwani, Faridabad, Fatehabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Mahendergarh, Panchkula, Panipat, Rewari, Rohtak, Sirsa, Sonapat.

Cadmium: Bhiwani, Gurgaon, Jhajjar, Jind, Kaithal, Rewari, Rohtak.

Chromium: Fatehabad

11 Himachal Pradesh Una, Solan, Hamirpur, Kangra, Mandi, Kullu Kangra

12 Jammu & Kashmir Jammu, Kathua Jammu, Kathua, Anantnag, Kupwara Jammu, Kathua, Rajouri Baramulla, Budgam, Kathua, Kupwara, Pulwama, Srinagar Lead: Jammu (Gangyal), Bari Brahma, Kathua

Cadmium: Kathua

13 Jharkhand Bokaro, Dhanbad, Garhwa, Giridih, Godda, Gumla, Koderma, Pakur Palamu, Ranchi, , Sahebganj, Khunti

Chatra, Garhwa, Godda, Gumla, Lohardaga, Pakur, Palamu, PaschimiSinghbhum, PurbiSinghbhum, Ranchi, Sahibganj Sahebganj

Chatra, Deoghar, East Singhbhum, Giridih, Ranchi, West Singhbhum Lead: Jamshedpur

14 Karnataka Bagalkote, Bangalore-Rural, Bangalore-Urban, Belgaum, Bellary, Bijapur, Chamarajnaraga, Chikballapur, Chikmagalur, Chitradurga, Dakshina Kannada, Davanagere, Dharwad, Gadag, Gulbarga, Hassan, Haveri, Kodagu/ Coorg, Kolar, Koppal, Mandya, Mysore, Raichur, Ramanagara, Shimoga, Tumkur, Udupi, Uttara Kannada, Yadgir Bagalkot, Bangalore(Rural), Bangalore(Urban), Belgaum, Bellary, Bidar, Bijapur, Chikaballapur Chamarajanagar, Chikmagalur, Chitradurga, Davanagere, Dharwad, Dakshina Kannada, Gadag, Gulbarga, Hassan, Haveri, Kolar, Koppal, Mandya, Mysore, Raichur, Ramnagara , Shimoga, Tumkur, Yadgir, Uttara Kannada, Udupi

Bagalkot, , Bangalore, Belgaum, Bellary, Bidar, Bijapur, Chikmagalur, Chitradurga, Davanagere, Dharwad, Gadag, Gulbarga, Hassan, Haveri, Kodagu, Kolar, Koppal, Mandya, Raichur. Shimoga, Udupi, Uttar Kannada Raichur and Yadgir district Bagalkot, Bangalore, Belgaum, Bellary, Bidar, Bijapur, Chikmagalur, Chitradurga, Dakshina Kannada, Davanagere, Gulbarga, Hassan, Haveri, Kodagu, Kolar, Koppal, Mysore, Raichur, Shimoga, Tumkur, Udupi, Uttar Kannada

15 Kerala Trivandrum, Kollam, Kottayam, Ernakulam Palakkad, Alappuzha, Idukki, Ernakulam, Thiruvananthapuram

Alappuzha, Idukki, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Thiruvananthapuram, Thrissur, Wayanad

Alappuzha, Ernakulam, Idukki, Kannur, Kasaragod, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Quilon, Thiruvananthapuram, Thrissur, Wayanad Lead: Ernakulam , Kollam

Chromium: Kollam

16 Madhya Pradesh Balaghat, Bhind, Chhatarpur, Gwalior, Indore, Jhabua, Khargone, Morena, Neemuch, Ratlam, Rewa, Satna, Sehore, Sheopur, Shivpuri, Ujjain Alirajpur, Balaghat, Barwani, Betul, Bhind, Bhopal, Chhatarpur, Chhindwara, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Harda, Jabalpur, Jhabua, Khargone, Mandla, Mandsaur, Morena, Narsinhpur, Neemuch, Panna, Raisen, Rajgarh, Ratlam, Sagar, Satna, Sehore, Seoni, Shahdol, Shajapur, Sheopur, Sidhi, Shivpuri, Singrauli, Ujjain, Vidisha

Alirajpur, Anuppur, Ashok Nagar, Balaghat, Barwani, Betul, Bhind, Bhopal, Burhanpur, Chhatarpur, Chhindwara, Damoh, Datia, Dewas, Dhar, , Dindori, Guna, Gwalior, Harda, Hoshangabad, Indore, Jabalpur, Jhabua, Khandwa, Khargone, Katni, Mandla, Mandsaur, Morena, Narsimhapur, Neemuch, Panna, Raisen, Rajgarh, Ratlam, Rewa, Sagar, Satna, Sehore, Seoni, Shahdol, Shajapur, Sheopur, Shivpuri, Sidhi, Singrauli, Tikamgarh, Ujjain, Umaria, Vidisha Betul, Burhanpur, Chhindwara, Dhar, Khandwa, Mandsaur, Neemuch, Umaria Balaghat, Barwani, Betul, Bhind, Bhopal, Chhatarpur, Chhindwara, Damoh, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Hoshangabad, Indore, Jabalpur, Jhabua, Khandwa, Katni, Mandla, Mandsaur, Narsinghpur, Neemuch, Panna, Raisen, Rajgarh, Ratlam, Rewa, Sagar, Satna, Sehore, Seoni, Shahdol, Shajapur, Shivpuri, Sidhi, Tikamgarh, Ujjain, Umaria, Vidisha, East Nimar Lead: Balaghat, Barwani, Damoh, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Raisen, Rajgarh, Satna, Sehore, Shajapur, Shivpuri, Vidisha

17 Maharashtra Ahmednagar, Akola, Amravati, Aurangabad, Beed, Bhandara, Buldhana, Chandrapur, Dhule, Jalgaon, Jalna, Nagpur, Nasik, Pune, Raigad, Sangli, Satara, Solapur, Thane, Yavatmal Ahmednagar, Beed, Chandrapur, Bhandara, Dhule, Gadchiroli, Gondia, Jalna, Nagpur, Nanded, Ratnagiri, Sangli, Satara, Sindhudurg, Solapur, Wardha, Yavatmal

Ahmednagar, Akola, Amravati, Aurangabad, Beed, Bhandara, Buldhana, Chandrapur, Dhule, Gadchiroli, Gondia, Hingoli, Jalgaon, Jalna, Kolhapur, Latur, Mumbai, Nagpur, Nanded, Nandurbar, Nasik, Osmanabad, Parbhani, Pune, Sangli, Satara, Solapur, Wardha, Washim, Yavatmal Ahmednagar, Amravati, Beed, Buldhana, Chandrapur, Dhule, Gadchiroli, Jalna, Kolhapur, Latur, Nandurbar, Nashik, Osmanabad, Parbhani, Ratnagiri, Satara, Thane, Wardha, Washim, Yavatmal Lead: Ahmed Nagar, Akola, Aurangabad, Beed, Buldhana, Dhule, Gadchiroli, Jalna, Kolhapur, Latur, Nagpur, Nanded, Osmanabad, Parbhani, Pune, Sangli, Wardha, Washim, Yavatmal

18 Manipur Bishnupur, Thoubal Bishnupur, Thoubal

19 Meghalaya East Garo Hills, East Khasi Hills, Jaintia Hills

20 Nagaland Dimapur

21 Odisha Balasore, Bhadrak, Ganjam, Jagatsingpur, Jajpur, Kendrapara, Puri Angul, Balasore, Bhadrak, Bargarh Bolangir, Boudh, Cuttack, Deogarh Dhenkanal, Jajpur, Kandhamal, Keonjhar, Khurda, Mayurbhanj, Nayagarh, Nawapara, Ganjam, Jagatsinghpur, Kalahandi, Koraput, Puri, Rayagada, Sambalpur, Sonepur, Sundargarh

Angul, Balasore, Bargarh, Bhadrak, Bolangir, Boudh, Cuttack, Deogarh, Dhenkanal, Gajapati, Ganjam, J. Singhpur, Jajpur, Jharsuguda, Kalahandi, Kendrapara, Keonjhar, Khurda, Koraput, Malkangiri, Mayurbhanj, Nawapada, Nayagarh, Phulbani, Puri, Sambalpur, Sundergarh, Sonpur Gajapati Balasore, Bargarh, Bhadrak, Cuttack, Deogarh, J. Singhpur, Jajpur, Jharsuguda, Kalahandi, Kandmahal, Keonjhar, Kendrapara, Khurda, Koraput, Mayurbhanj, Nayagarh, Puri, Rayagada, Sambalpur, Sundergarh, Sonpur

Chromium (Hexavalent) - Sukinda valley in Sukinda block of Jajpur District

22 Punjab Bhatinda, Faridkot, Ferozpur, Gurudaspur, Mansa, Moga, Muktsar Patiala, Sangrur Amritsar, Barnala, Bhatinda, Fazilka, Faridkot, Fatehgarh Sahib, Firozpur, Gurdaspur, Jalandhar, Ludhiana, Mansa, Moga, Muktsar, Pathankot, Patiala, Ropar, Sangrur, SAS Nagar (Mohali), Tarn-Taran

Amritsar, Barnala, Bhatinda, Faridkot, Fatehgarh Sahib, Firozpur, Gurdaspur, Hoshiarpur, Jalandhar, Kapurthala, Ludhiana, Mansa, Moga, Muktsar, NawanShahr, Patiala, Ropar, Rupnagar, Sangrur, Tarn-Taran Mansa, Amritsar, Gurdaspur, Hoshiarpur, Kapurthala, Ropar, Faridkot, Nawashahar, Sangrur, Taran Taran Bhatinda, Faridkot, Fatehgarh Sahib, Firozpur, Gurdaspur, Hoshiarpur, Mansa, Rupnagar, Sangrur Lead: Amritsar, Bathinda, Ferozepur, Gurdaspur, Muktsar, Ropar

Cadmium: Fatehgarh Sahib, Ludhiana, Nawansahar, Patiala, Ropar, Sangrur, Sasnagar, Tarantaran

Chromium: Amritsar, Bathinda, Gurdaspur, Kapurthala, Mansa, Ropar, Barnala, Sangrur, Sasnagar, Tarantaran

23 Rajasthan Ajmer, Alwar, Baran, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chittorgarh, Churu, Dausa, Dhaulpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhalawar, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Rajasamand, Sawai-Madhampur, Sikar, Sirohi, Tonk, Udaipur Ajmer, Alwar, Banswara, Barmer, Bharatpur, Baran, Bhilwara, Bikaner, Bundi, Chittaurgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhalawar Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Pratapgarh, Rajsamand, Sirohi, Sikar, Sawai Madhopur, Tonk, Udaipur

Ajmer, Alwar, Banswara, Baran, Barmer, Bundi, Bharatpur, Bhilwara, Bikaner, Chittaurgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhalawar, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Partapgarh, Rajasamand, Sirohi, Sikar, Sawai Madhopur, Tonk, Udaipur Ganganagar Ajmer, Alwar, Banswara, Baran, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chittaurgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhalawar, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Pratapgarh, Rajsamand, Sikar, Sawai Madhopur, Sirohi, Tonk, Udaipur Lead: Jhunjhunu Dist (Khetri Copper Deposit), Pali, Jaipur (Sambhar Lake, Sanganer)

24 Tamil Nadu Chennai, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Kancheepuram, Karur, Nagapattinam, Namakkal, Perambalur, Pudukkottai, Ramnathapuram, Salem, Sivaganga, Thanjavur, Theni, Thiruvallur, Tirunelveli, Trichchirappalli, Tuticorin, Vellore, Villupuram, Virudhunagar, Coimbatore, Dharmapuri, Dindigul, Erode, Karur, Kancheepuram, Krishnagiri, Namakkal, Madurai, Pudukotai, Ramanathanpuram, Salem, Sivagangai, Theni, Thiruvannamalai, Tiruchirappally,

Thirunelveli, Tirupur Vellore, Chennai, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Nilgiris, Perambalur, Pudukotai, Ramanathanpuram, Salem, Sivagangai, Theni, Thiruvannamalai, Thanjavur, Tirunelveli, Thiruvallur, Trichy, Tuticorin, Vellore, Villupuram, Virudhunagar Ariyalur

Cuddalore, Nagapattinam,

Ramnathapuram, Tiruvallur, Tirunelveli, Thiruvallur, Trichchirappalli, Tuticorin Namakkal, Salem Lead : Dindigul, Tiruvallur, Kancheepuram

Cadmium : Tiruvallur

Chromium: Cuddalore, Dindigul, Erode, Kanchipuram, Tiruvallur

25 Tripura Dhalai, North Tripura, South Tripura, West Tripura,

26 Uttar Pradesh Agra, Aligarh, Firozabad, Hamirpur, Kashganj, Kanpur Nagar, Mathura, Rae Bareilly, Unnao Agra, Aligarh, Allahabad, Auraiya, Banda, Bulandshahar, Etah, Etawah, Farrukhabad, Fatehpur, Firozabad, G B Nagar, Ghaziabad, Hathras, Jaunpur, Kannauj, Kanpur Nagar, Kasganj (Kashiram Nagar), Lalitpur, Mahoba, Mainpuri, Mathura, Maunath Bhanjan, Pratapgarh, Rai Bareilly, Shajahanpur, Sonbhadra, Sultanpur, Varanasi and Unnao Agra, Aligarh, Allahabad, Ambedkar Nagar, Auraiya, Azamgarh, Badaun, Baghpat, Balrampur, Banda, Barabanki, Bareilly, Basti, Bijnor, Bulandshahr, Chitrakoot, Etah, Fatehpur, Firozabad, GB Nagar, Ghaziabad, Ghazipur, Hamirpur, Hardoi, Hathras, Jaunpur, Jhansi, Kannauj, Kanpur Dehat, Lakhimpur, Mahoba, Mathura, Meerut, Mau, Moradabad, Muzaffarnagar, Mirzapur, Raebareilly, Sant Ravidas Nagar, Shajahanpur, Sitapur, Sonbhadra, Sultanpur, Shravasti, Siddharth Nagar, Unnao Bahraich, Balia, Balrampur, Bareilly, Basti, Bijnor, Chandauli, Ghazipur, Gonda, Gorakhpur, Lakhimpur Kheri, Meerut, Mirzapur, Muradabad, Rai Bareilly, Sant Kabir Nagar, Shajahanpur, Siddharthnagar, Sant Ravidas Nagar, Unnao, Azamgarh, Bahraich, Badaun, Deoria, Jhansi, Kausambi, Kushinagar, Pilibhit, Maunath Bhanjan,

Azamgarh, Ballia, Balrampur, Etawah, Fatehpur, Gazipur, Gonda, Hardoi, Kanpur Dehat, Kanpur Nagar, Lakhimpur, Lalitpur, Mau, Siddharthnagar, Unnao Lead: Muzzafar Nagar, Mathura, Moradabad, Allahabad, Bhadohi, Ghaziabad, Jaunpur, Kanpur, Raebareilly, Sonbhadra

Cadmium: Varanasi city, Unnao

Chromium : Kashi Vidyapeeth, Varanasi, Kanpur, Unnao

27 Uttarakhand Dehradun, Haridwar, Udham Singh Nagar

28 West Bengal Howrah, N 24 Parganas, Purba Medinipur, S 24 Parganas Bankura, Birbhum, Dakshindinajpur, Malda, Purulia, Uttardinajpur, South 24 Parganas

Bankura, Bardhaman Bardhaman, Hooghly, Howrah, Malda, Murshidabad, Nadia, N-24 Parganas, S- 24 Parganas, Koch Bihar

Bankura, Bardhaman, Birbhum, Dakshindinajpur, E. Midnapur, Howrah, Hugli, Jalpaiguri, Kolkatta, Murshidabad, N-24 Parganas, Nadia, S-24 Parganas, Uttardinajpur, West Midnapur Lead: Malda, Murshidabad, Nadia, N-24 Pargana, S-24 Praganas, Kolkata

Cadmium: N-24 Parganas, S-24 Prganas

Chromium: N-24 Parganas, Murshidabad

29 Andaman & Nicobar Andaman

30 Daman & Diu Diu

Total 212 districts in 15 states 335 districts in 20 states 387 districts in 21 states 153 districts in 21 states & UTs 302 districts in 25 states and 1 UT Pb in 92 districts in 14 states

Cd in 24 districts in 9 states

Cr in 29 districts in 10 states

ANNEXURE-II (a)

Annexure referred in reply to Lok Sabha Unstarred Question No. 1329 dated 09.02.2017 regarding "Contamination of Ground Water"

State-wise Release and Expenditure Statement

WQMSP Fund

(2014-15)

S.No. State Latest Reported Month Release Expenditure

Total Central State Total Central State

|    |                      |       |       |       |      |       |       |      |
|----|----------------------|-------|-------|-------|------|-------|-------|------|
| 1  | ANDAMAN and NICOBAR  | March | 0.01  | 0.01  | 0.00 | 0.00  | 0.00  | 0.00 |
| 2  | ANDHRA PRADESH       | March | 5.26  | 5.26  | 0.00 | 8.42  | 8.42  | 0.00 |
| 3  | ARUNACHAL PRADESH    | March | 3.94  | 3.94  | 0.00 | 2.88  | 2.88  | 0.00 |
| 4  | ASSAM                | March | 16.44 | 16.44 | 0.00 | 17.45 | 17.45 | 0.00 |
| 5  | BIHAR                | March | 6.28  | 6.28  | 0.00 | 4.45  | 4.45  | 0.00 |
| 6  | CHANDIGARH           | -     | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 |
| 7  | CHATTISGARH          | March | 2.85  | 2.85  | 0.00 | 2.61  | 2.61  | 0.00 |
| 8  | DADRA & NAGAR HAVELI | -     | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 |
| 9  | GOA                  | -     | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 |
| 10 | GUJARAT              | March | 12.57 | 12.57 | 0.00 | 12.49 | 12.49 | 0.00 |
| 11 | HARYANA              | March | 4.31  | 4.31  | 0.00 | 1.34  | 1.34  | 0.00 |
| 12 | HIMACHAL PRADESH     | March | 4.11  | 4.11  | 0.00 | 3.24  | 3.24  | 0.00 |
| 13 | JAMMU AND KASHMIR    | March | 9.81  | 9.81  | 0.00 | 9.23  | 9.23  | 0.00 |
| 14 | JHARKHAND            | March | 4.04  | 4.04  | 0.00 | 4.09  | 4.09  | 0.00 |
| 15 | KARNATAKA            | March | 16.31 | 16.31 | 0.00 | 21.64 | 21.64 | 0.00 |
| 16 | KERALA               | March | 0.86  | 0.86  | 0.00 | 2.69  | 2.69  | 0.00 |
| 17 | LAKSHADWEEP          | -     | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 |
| 18 | MADHYA PRADESH       | March | 5.12  | 5.12  | 0.00 | 6.48  | 6.48  | 0.00 |
| 19 | MAHARASHTRA          | March | 24.66 | 24.66 | 0.00 | 15.98 | 15.98 | 0.00 |
| 20 | MANIPUR              | March | 0.06  | 0.06  | 0.00 | 0.31  | 0.31  | 0.00 |
| 21 | MEGHALAYA            | March | 0.25  | 0.25  | 0.00 | 0.23  | 0.23  | 0.00 |
| 22 | MIZORAM              | March | 0.61  | 0.61  | 0.00 | 0.32  | 0.32  | 0.00 |
| 23 | NAGALAND             | March | 0.75  | 0.75  | 0.00 | 1.43  | 1.43  | 0.00 |
| 24 | ODISHA               | March | 7.88  | 7.88  | 0.00 | 4.02  | 4.02  | 0.00 |
| 25 | PUDUCHERRY           | -     | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 |
| 26 | PUNJAB               | March | 3.00  | 3.00  | 0.00 | 2.05  | 2.05  | 0.00 |
| 27 | RAJASTHAN            | March | 0.00  | 0.00  | 0.00 | 11.53 | 11.53 | 0.00 |
| 28 | SIKKIM               | March | 0.58  | 0.58  | 0.00 | 0.31  | 0.31  | 0.00 |
| 29 | TAMIL NADU           | March | 9.59  | 9.59  | 0.00 | 10.88 | 10.88 | 0.00 |

|    |               |       |       |       |      |       |       |      |
|----|---------------|-------|-------|-------|------|-------|-------|------|
| 30 | TELANGANA     | March | 6.81  | 6.81  | 0.00 | 4.42  | 4.42  | 0.00 |
| 31 | TRIPURA       | March | 0.99  | 0.99  | 0.00 | 0.97  | 0.97  | 0.00 |
| 32 | UTTAR PRADESH | March | 26.66 | 26.66 | 0.00 | 0.00  | 0.00  | 0.00 |
| 33 | UTTARAKHAND   | March | 2.55  | 2.55  | 0.00 | 1.69  | 1.69  | 0.00 |
| 34 | WEST BENGAL   | March | 12.00 | 12.00 | 0.00 | 16.81 | 16.81 | 0.00 |

#### ANNEXURE-II (b)

Annexure referred in reply to Lok Sabha Unstarred Question No. 1329 dated 09.02.2017 regarding "Contamination of Ground Water"

State-wise Release and Expenditure Statement

WQMSP Fund

(2015-16)

S.No. State Latest Reported Month Release Expenditure

Total Central State Total Central State

|    |                      |          |       |       |      |       |       |      |
|----|----------------------|----------|-------|-------|------|-------|-------|------|
| 1  | ANDAMAN and NICOBAR  | -        | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 |
| 2  | ANDHRA PRADESH       | March    | 4.86  | 4.86  | 0.00 | 8.10  | 8.10  | 0.00 |
| 3  | ARUNACHAL PRADESH    | March    | 1.91  | 1.91  | 0.00 | 3.27  | 3.27  | 0.00 |
| 4  | ASSAM                | March    | 6.55  | 6.55  | 0.00 | 6.93  | 6.93  | 0.00 |
| 5  | BIHAR                | March    | 3.51  | 3.51  | 0.00 | 10.60 | 10.60 | 0.00 |
| 6  | CHANDIGARH           | -        | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 |
| 7  | CHATTISGARH          | March    | 2.41  | 2.41  | 0.00 | 1.49  | 1.49  | 0.00 |
| 8  | DADRA & NAGAR HAVELI | -        | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 |
| 9  | GOA                  | -        | 0.04  | 0.04  | 0.00 | 0.00  | 0.00  | 0.00 |
| 10 | GUJARAT              | March    | 6.28  | 6.28  | 0.01 | 1.59  | 1.59  | 0.00 |
| 11 | HARYANA              | March    | 1.03  | 1.03  | 0.00 | 2.76  | 2.76  | 0.00 |
| 12 | HIMACHAL PRADESH     | March    | 2.41  | 2.41  | 0.00 | 2.96  | 2.96  | 0.00 |
| 13 | JAMMU AND KASHMIR    | March    | 8.08  | 8.08  | 0.00 | 8.65  | 8.65  | 0.00 |
| 14 | JHARKHAND            | March    | 3.06  | 3.06  | 0.00 | 4.81  | 4.81  | 0.00 |
| 15 | KARNATAKA            | March    | 7.47  | 7.47  | 0.00 | 4.94  | 4.94  | 0.00 |
| 16 | KERALA               | March    | 1.04  | 1.04  | 0.00 | 1.07  | 1.07  | 0.00 |
| 17 | LAKSHADWEEP          | -        | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 |
| 18 | MADHYA PRADESH       | March    | 12.32 | 7.20  | 5.11 | 9.78  | 9.15  | 0.63 |
| 19 | MAHARASHTRA          | March    | 12.32 | 12.32 | 0.00 | 15.43 | 15.43 | 0.00 |
| 20 | MANIPUR              | March    | 0.50  | 0.50  | 0.00 | 0.23  | 0.23  | 0.00 |
| 21 | MEGHALAYA            | March    | 0.65  | 0.65  | 0.00 | 0.30  | 0.30  | 0.00 |
| 22 | MIZORAM              | March    | 0.55  | 0.55  | 0.00 | 0.78  | 0.78  | 0.00 |
| 23 | NAGALAND             | February | 0.43  | 0.43  | 0.00 | 0.43  | 0.43  | 0.00 |
| 24 | ODISHA               | March    | 3.63  | 3.63  | 0.00 | 5.53  | 5.53  | 0.00 |
| 25 | PUDUCHERRY           | -        | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 |
| 26 | PUNJAB               | March    | 1.38  | 1.38  | 0.00 | 0.92  | 0.92  | 0.00 |
| 27 | RAJASTHAN            | March    | 6.55  | 6.55  | 0.00 | 6.43  | 6.43  | 0.00 |
| 28 | SIKKIM               | March    | 0.14  | 0.14  | 0.00 | 0.12  | 0.12  | 0.00 |
| 29 | TAMIL NADU           | March    | 4.63  | 4.63  | 0.00 | 4.01  | 4.01  | 0.00 |
| 30 | TELANGANA            | March    | 3.70  | 3.70  | 0.00 | 5.66  | 5.66  | 0.00 |
| 31 | TRIPURA              | March    | 0.79  | 0.79  | 0.00 | 1.22  | 1.22  | 0.00 |
| 32 | UTTAR PRADESH        | February | 12.90 | 12.90 | 0.00 | 26.42 | 26.42 | 0.00 |
| 33 | UTTARAKHAND          | March    | 1.30  | 1.30  | 0.00 | 1.78  | 1.78  | 0.00 |
| 34 | WEST BENGAL          | March    | 9.25  | 5.55  | 3.70 | 9.16  | 5.46  | 3.70 |

#### ANNEXURE-II(c)

Annexure referred in reply to Lok Sabha Unstarred Question No. 1329 dated 09.02.2017 regarding "Contamination of Ground Water"

State-wise Release and Expenditure Statement

WQMSP Fund

(2016-17)

S.No. State Latest Reported Month Release upto 07/02/2017 Expenditure

Total Central State Total Central State

|    |                      |          |      |      |      |      |      |      |
|----|----------------------|----------|------|------|------|------|------|------|
| 1  | ANDAMAN and NICOBAR  | -        | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2  | ANDHRA PRADESH       | December | 7.40 | 2.74 | 4.66 | 9.85 | 5.24 | 4.62 |
| 3  | ARUNACHAL PRADESH    | December | 1.10 | 1.10 | 0.00 | 1.54 | 1.54 | 0.00 |
| 4  | ASSAM                | August   | 3.70 | 3.70 | 0.00 | 2.93 | 2.93 | 0.00 |
| 5  | BIHAR                | October  | 7.54 | 7.54 | 0.00 | 3.51 | 3.51 | 0.00 |
| 6  | CHANDIGARH           | -        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7  | CHATTISGARH          | December | 2.88 | 1.36 | 1.52 | 1.96 | 1.30 | 0.65 |
| 8  | DADRA & NAGAR HAVELI | -        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9  | GOA                  | -        | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | GUJARAT              | January  | 3.65 | 3.54 | 0.11 | 0.99 | 0.98 | 0.02 |
| 11 | HARYANA              | December | 1.17 | 1.17 | 0.00 | 1.03 | 1.03 | 0.00 |
| 12 | HIMACHAL PRADESH     | December | 1.50 | 1.36 | 0.14 | 2.09 | 2.09 | 0.00 |
| 13 | JAMMU AND KASHMIR    | December | 4.61 | 4.61 | 0.00 | 3.16 | 3.16 | 0.00 |

14 JHARKHAND January 2.86 1.82 1.05 2.56 2.12 0.44  
 15 KARNATAKA January 9.90 4.56 5.34 0.00 0.00 0.00  
 16 KERALA December 1.18 1.18 0.00 1.18 1.18 0.00  
 17 LAKSHADWEEP - 0.00 0.00 0.00 0.00 0.00 0.00  
 18 MADHYA PRADESH December 8.95 4.06 4.89 6.25 3.78 2.46  
 19 MAHARASHTRA November 6.95 6.95 0.00 6.84 6.84 0.00  
 20 MANIPUR December 0.46 0.46 0.00 0.54 0.54 0.00  
 21 MEGHALAYA December 0.59 0.59 0.00 0.57 0.57 0.00  
 22 MIZORAM December 0.32 0.32 0.00 0.34 0.34 0.00  
 23 NAGALAND June 0.39 0.39 0.00 0.00 0.00 0.00  
 24 ODISHA December 2.15 2.15 0.00 3.73 3.73 0.00  
 25 PUDUCHERRY - 0.02 0.02 0.00 0.00 0.00 0.00  
 26 PUNJAB December 0.82 0.82 0.00 1.10 1.10 0.00  
 27 RAJASTHAN December 8.31 7.42 0.89 0.67 0.59 0.08  
 28 SIKKIM - 0.13 0.13 0.00 0.00 0.00 0.00  
 29 TAMIL NADU December 7.46 5.22 2.24 5.04 3.03 2.00  
 30 TELANGANA December 5.69 3.72 1.98 4.90 2.94 1.96  
 31 TRIPURA December 0.67 0.61 0.07 0.63 0.58 0.05  
 32 UTTAR PRADESH April 11.77 7.27 4.50 4.50 0.00 4.50  
 33 UTTARAKHAND December 1.47 1.47 0.00 2.68 2.68 0.00  
 34 WEST BENGAL December 6.26 6.26 0.00 3.20 3.20 0.00

### ANNEXURE III

Annexure referred in reply to Lok Sabha Unstarred Question No. 1329 dated 09.02.2017 regarding "Contamination of Ground Water"

States/UTs-wise Details of Amount Released and Expenditure under the Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS)

During Last Four years and Current Year

S.No. State Central Release

(Rs. in crore) Total Expenditure

(Rs. in crore)

2012-13 2013-14 2014-15 2015-16 2016-17 as on 01/02/2017 2012-13 2013-14 2014-15 2015-16 2016-17 as on 01/02/2017

1 ANDHRA PRADESH 3216.74 4750.49 2903.14 3073.80 3669.49 5123.78 5344.01 2839.46 4543.13 3389.90  
 2 ARUNACHAL PRADESH 68.34 138.53 27.04 43.95 130.76 53.46 95.94 34.42 65.94 97.82  
 3 ASSAM 534.46 573.50 500.23 878.30 832.63 651.53 699.77 503.11 621.19 1345.66  
 4 BIHAR 1227.81 1580.71 959.68 1024.12 1568.23 1860.45 2027.02 1081.71 1624.13 1934.64  
 5 CHHATTISGARH 2031.36 1446.02 1505.70 1063.41 2039.17 2221.78 2023.98 1754.22 1283.01 2371.99  
 6 GUJARAT 474.41 335.30 354.43 305.99 562.04 617.42 489.03 471.22 428.64 590.37  
 7 HARYANA 349.36 376.88 167.15 124.71 199.38 380.63 381.62 216.47 142.42 230.76  
 8 HIMACHAL PRADESH 361.30 477.97 355.43 396.10 294.57 496.12 569.59 406.23 391.56 397.20  
 9 JAMMU AND KASHMIR 762.76 603.16 521.71 558.02 756.26 853.35 769.71 391.59 768.25 603.98  
 10 JHARKHAND 809.17 621.43 724.33 978.80 1497.87 1152.36 912.44 1029.08 1331.67 1359.27  
 11 KARNATAKA 1231.94 1596.07 1716.87 991.55 1809.53 1448.39 2068.41 1675.70 1822.19 2470.78  
 12 KERALA 1311.18 1277.11 1587.58 1526.34 1579.53 1416.56 1300.57 1616.97 1483.50 1876.43  
 13 MADHYA PRADESH 1610.15 1839.82 2451.63 2367.32 2873.12 3110.79 2618.95 2805.37 2499.93 2824.74  
 14 MAHARASHTRA 1573.24 1152.92 799.52 1238.35 1535.56 2170.29 1274.68 1609.88 1851.07 1808.87  
 15 MANIPUR 590.23 231.00 219.97 255.32 343.70 600.08 254.77 267.14 231.21 291.66  
 16 MEGHALAYA 226.11 271.06 277.86 221.83 860.69 265.90 318.49 309.35 273.67 629.72  
 17 MIZORAM 252.29 244.74 111.41 285.17 87.45 290.39 260.38 114.20 298.59 68.89  
 18 NAGALAND 460.12 292.15 113.05 266.66 501.53 428.29 294.80 157.82 195.02 446.05  
 19 ODISHA 847.98 757.53 1035.30 1479.41 1775.99 1177.67 1286.80 1068.92 2052.03 1849.04  
 20 PUNJAB 114.21 226.15 189.48 245.33 458.47 157.69 258.92 213.50 300.23 494.40  
 21 RAJASTHAN 2585.34 2059.43 2976.10 2695.83 4335.45 3271.55 2629.61 3251.86 3268.64 4012.39  
 22 SIKKIM 74.07 106.84 73.86 86.23 132.63 81.34 108.90 77.35 97.14 110.05  
 23 TAMIL NADU 3546.05 4690.21 3781.80 5470.37 4245.65 4121.29 3938.53 3919.54 6254.54 4883.98

24 Telangana 1919.96 1824.85 1742.99 1903.75 2378.60 1596.48  
25 TRIPURA 768.90 943.66 636.62 1358.94 861.22 971.02 1075.04 822.39 1371.53 956.22  
26 UTTAR PRADESH 1292.02 2896.39 2513.41 2695.69 3411.80 2665.30 3460.68 3139.09 2976.13 3710.03  
27 UTTARAKHAND 268.27 330.01 286.36 450.77 492.67 311.86 380.84 318.45 492.53 609.17  
28 WEST BENGAL 3395.48 2894.38 3744.95 4711.74 4651.21 3850.88 3725.17 4012.87 4847.92 5666.54  
29 ANDAMAN AND NICOBAR 13.81 19.18 13.02 10.36 8.01 13.00 17.88 9.05 3.33 0.66  
32 GOA 2.41 2.06 1.38 2.47 4.26 1.45 2.97 4.57 3.01 2.34  
33 LAKSHADWEEP 1.18 0.17 0.45 0.12 0.00 1.53 0.74 0.71 0.30 0.23  
34 PUDUCHERRY 8.86 8.80 7.40 12.93 3.00 12.15 11.37 6.50 9.18 8.98  
Total 30009.56 32743.68 32476.87 36644.80 43264.87 39778.29 38601.59 36032.48 43910.20 46639.23  
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